ELSEVIER

23 June 2000

Chemical Physics Letters 323 (2000) 594–603

CHEMICAL PHYSICS LETTERS

www.elsevier.nl/locate/cplett

Author index to Volume 323

Ahn, J., see Yu, J. 323 (2000) 529
Aliev, A.E., see Kitchin, S.J. 323 (2000) 490
Almeida, R., see Rincón, L. 323 (2000) 416
Alonso, J.L., see Antolínez, S. 323 (2000) 130
Alves, O.L., see Zanchet, D. 323 (2000) 167
Anderson, J.B., see Sokolova, S. 323 (2000) 229
Anderson, N.A., C.G. Durfee III, M.M. Murnane, H.C. Kapteyn and R.J. Sension, The internal conversions of *trans*- and *cis*-1,3,5-hexatriene in cyclohexane solution studied with sub-50 fs UV pulses 323 (2000) 365
Ando, Y., X. Zhao, K. Hirahara, K. Suenaga, S. Bandow and S. Iijima, Mass production of single-wall carbon nanotubes by the arc plasma jet method 323 (2000) 580
Andrés, J., see Tapia, O. 323 (2000) 29
Antolínez, S., J.C. López and J.L. Alonso, Jet-cooled rotational spectra and structure of the cyclobutanone · · · hydrogen chloride complex 323 (2000) 130
Antonova, K., see Byszewski, P. 323 (2000) 522
Aoki, K., Candidates for U-lines at 1377 and 1394 MHz in IRC + 10216: ab initio molecular orbital study 323 (2000) 55
Apperley, D.C., see Kitchin, S.J. 323 (2000) 490
Archirel, P., V. Dubois and P. Maître, On the R2PI spectrum of $AgNH_3$: a theoretical study of the quasidegeneracy of the first excited states 323 (2000) 7
Archirel, P., see Dubois, V. 323 (2000) 1
Asplund, M.C., M. Lim and R.M. Hochstrasser, Spectrally resolved three pulse photon echoes in the vibrational infrared 323 (2000) 269

Bacsa, R.R., Ch. Laurent, A. Peigney, W.S. Bacsa, Th. Vaugien and A. Rousset, High specific surface area carbon nanotubes from catalytic chemical vapor deposition process 323 (2000) 566
Bacsa, W.S., see Bacsa, R.R. 323 (2000) 566
Bai, X.D., see Yu, J. 323 (2000) 529
Bando, Y., see Golberg, D. 323 (2000) 185
Bandow, S., see Ando, Y. 323 (2000) 580
Baran, J., see Byszewski, P. 323 (2000) 522
Bello, I., see Zhang, Y.F. 323 (2000) 180
Berclaz, T., see Brynda, M. 323 (2000) 474
Bieske, E.J., see Wild, D.A. 323 (2000) 49
Bittl, R., see Fahnenschmidt, M. 323 (2000) 329
Boča, R., H.-F. Klein, A. Schmidt, M. Valko and W. Linert, Magnetic properties of triangulo cobalt–hydride cluster $[H_3Co_3(\mu_2\text{-}CO)_3(PMe_3)_6]$ 323 (2000) 243

Boldú, J.L., see Hsu, W.K. 323 (2000) 572
Brandtstädter, H., M. Braune, I. Schebesch and H. Engel, Experimental study of the dynamics of spiral pairs in light-sensitive Belousov–Zhabotinskii media using an open-gel reactor 323 (2000) 145
Braune, M., see Brandtstädter, H. 323 (2000) 145
Bray, J.A., see Williams, K.L. 323 (2000) 137
Brynda, M., T. Berclaz and M. Geoffroy, Intramolecular motion in dibenzobarrelenephosphinyl radical: a single crystal EPR study at variable temperature 323 (2000) 474
Bulgakov, A.V., see Rohmund, F. 323 (2000) 173
Burk, P., I.A. Koppel, I. Koppel, I. Leito and O. Travnikova, Critical test of performance of B3LYP functional for prediction of gas-phase acidities and basicities 323 (2000) 482
Byszewski, P., K. Antonova, E. Kowalska, J. Radomska and J. Baran, Molecular modeling of C_{60}:cobaltocene and nickelocene complexes, comparison with IR absorption 323 (2000) 522

Campbell, E.E.B., see Rohmund, F. 323 (2000) 173
Carter, R.T., see Li, Q. 323 (2000) 105
Chen, C., see Chen, Y. 323 (2000) 125
Chen, Y., L. Pei, J. Jin, Y. Gao, X. Ma and C. Chen, Laser-induced fluorescence spectroscopy of biacetyl $A\,^1A_u(S_1)$–$X\,^1A_g(S_0)$) 323 (2000) 125
Chu, S.Y., see Hsu, W.K. 323 (2000) 572
Conoci, S., see Sortino, S. 323 (2000) 389
Coquel, J.M., see Roke, S. 323 (2000) 201
Coropceanu, V., C. Meier and A.X. Trautwein, The instability of states with full electron (hole) delocalisation in mixed-valence Fe_4S_4 clusters. The role of symmetry distortions 323 (2000) 14
Curtis, V.E., see Vander Wal, R.L. 323 (2000) 217

De Maria, L. and M. Springborg, Electronic structure and dimerization of a single monatomic gold wire 323 (2000) 293
Demeter, A., S. Druzhinin, M. George, E. Haselbach, J.-L. Roulin and K.A. Zachariasse, Dual fluorescence and fast intramolecular charge transfer with 4-(diisopropylamino)benzonitrile in alkane solvents 323 (2000) 351
De Schaetzen, G., see Van Elshocht, S. 323 (2000) 340
Dogra, S.K., see Krishnamoorthy, G. 323 (2000) 234
D'Oliveira, P., see Prayer, C. 323 (2000) 467
Druzhinin, S., see Demeter, A. 323 (2000) 351
Duan, X.F., see Zhang, Y.F. 323 (2000) 180
Dubois, V., P. Archirel and P. Maître, Theoretical study of the rearrangement of $Ag(NH_3)_2$ after electronic excitation. Comparison with $Na(NH_3)_2$ 323 (2000) 1
Dubois, V., see Archirel, P. 323 (2000) 7
Durfee III, C.G., see Anderson, N.A. 323 (2000) 365

Eguchi, D., see Hiraoka, K. 323 (2000) 155
Engel, H., see Brandtstädter, H. 323 (2000) 145
Ernsting, N.P., see Kovalenko, S.A. 323 (2000) 312

Fahnenschmidt, M., R. Bittl, H.K. Rau, W. Haehnel and W. Lubitz, Electron paramagnetic resonance and electron nuclear double resonance spectroscopy of a heme protein maquette 323 (2000) 329

Fakis, M., J. Polyzos, G. Tsigaridas, J. Parthenios, A. Fragos, V. Giannetas, P. Persephonis and J. Mikroyannidis, Novel class of pyrylium dyes with high efficiency in lasing and two-photon absorption fluorescence 323 (2000) 111
Farztdinov, V.M., see Kovalenko, S.A. 323 (2000) 312
Feng, S.Q., see Yan, H.F. 323 (2000) 224
Firth, S., see Hsu, W.K. 323 (2000) 572
Fisher, E.R., see Williams, K.L. 323 (2000) 137
Flammang, R., see Le, H.T. 323 (2000) 71
Fragos, A., see Fakis, M. 323 (2000) 111
Franchi, P., see Hsu, W.K. 323 (2000) 572
Frey, J.G., Interfacial second harmonic generation in the limit of weak orientational order: determining interfacial refractive index 323 (2000) 454
Fujita, H., see Nakano, M. 323 (2000) 249
Fujiwara, M., see Hazama, H. 323 (2000) 542
Fuller, J.F., J. Szczepanski and M. Vala, Combination bands of small linear carbon clusters: an infrared isotopic study 323 (2000) 86

Gaffo, L., see Mendonça, C.R. 323 (2000) 300
Gao, Y., see Chen, Y. 323 (2000) 125
Geoffroy, M., see Brynda, M. 323 (2000) 474
George, M., see Demeter, A. 323 (2000) 351
Gerbaux, P., see Le, H.T. 323 (2000) 71
Ghosh, T.K., see Miyoshi, E. 323 (2000) 434
Giannetas, V., see Fakis, M. 323 (2000) 111
Gil, M., J. Jasny, E. Vogel and J. Waluk, Ground and excited state tautomerization in 9-acetoxy-2,7,12,17-tetra-*n*-propylporphycene 323 (2000) 534
Glaser, S.J., see Luy, B. 323 (2000) 377
Goh, K.L., T.L. Tan, P.P. Ong and H.H. Teo, High-resolution FTIR spectroscopy of the ν_6 fundamental of methylene fluoride-d_2 323 (2000) 361
Golberg, D., Y. Bando, K. Kurashima and T. Sato, MoO_3-promoted synthesis of multi-walled BN nanotubes from C nanotube templates 323 (2000) 185
Grobert, N., see Hsu, W.K. 323 (2000) 572
Güdel, H.U., see Wermuth, M. 323 (2000) 514
Gwaltney, S.R. and M. Head-Gordon, A second-order correction to singles and doubles coupled-cluster methods based on a perturbative expansion of a similarity-transformed Hamiltonian 323 (2000) 21

Haehnel, W., see Fahnenschmidt, M. 323 (2000) 329
Halász, G.J. and Á. Vibók, Using a multi-step potential as an exact solution of the absorbing potential problem on the grid 323 (2000) 287
Halpern, J.B., see Titarchuk, T. 323 (2000) 305
Hamilton, I.P., see Li, G.P. 323 (2000) 263
Hanazaki, I., see Matsuyama, N. 323 (2000) 372
Hang, Q.L., see Yan, H.F. 323 (2000) 224
Harris, K.D.M., see Kitchin, S.J. 323 (2000) 490
Haselbach, E., see Demeter, A. 323 (2000) 351
Hashimoto, N. and K. Someda, Intramolecular vibrational energy re-distribution of water molecule induced by local-mode excitation 323 (2000) 79

Hazama, H., M. Fujiwara and M. Tanimoto, Removal processes of nitric oxide along positive streamers observed by laser-induced fluorescence imaging spectroscopy 323 (2000) 542
Head-Gordon, M., see Gwaltney, S.R. 323 (2000) 21
Head-Gordon, M., see Shao, Y. 323 (2000) 425
Hedén, M., see Rohmund, F. 323 (2000) 173
Hellemans, L., see Van Elshocht, S. 323 (2000) 340
Hennig, H., see Kovalenko, S.A. 323 (2000) 312
Hino, K., see Ohashi, K. 323 (2000) 43
Hirahara, K., see Ando, Y. 323 (2000) 580
Hiraoka, K., T. Iino, D. Eguchi, T. Mizuno and S. Yamabe, Dimer formation of NO ligands in the gas-phase halide ion clusters $X^-(NO)_n$ enhanced by a frontier orbital interaction 323 (2000) 155
Hirata, F., see Sato, H. 323 (2000) 257
Hochstrasser, R.M., see Asplund, M.C. 323 (2000) 269
Hsu, W.K., S.Y. Chu, E. Muñoz-Picone, J.L. Boldú, S. Firth, P. Franchi, B.P. Roberts, A. Schilder, H. Terrones, N. Grobert, Y.Q. Zhu, M. Terrones, M.E. McHenry, H.W. Kroto and D.R.M. Walton, Metallic behaviour of boron-containing carbon nanotubes 323 (2000) 572
Huber, J.R., see Li, Q. 323 (2000) 105

Iijima, S., see Yudasaka, M. 323 (2000) 549
Iijima, S., see Ando, Y. 323 (2000) 580
Iino, T., see Hiraoka, K. 323 (2000) 155
Inokuchi, Y., see Ohashi, K. 323 (2000) 43
Itoh, S., see Tanaka, S. 323 (2000) 407
Izutsu, H., see Ohashi, K. 323 (2000) 43

Jasny, J., see Gil, M. 323 (2000) 534
Jin, J., see Chen, Y. 323 (2000) 125

Kang, S.Y., see Lee, C.J. 323 (2000) 554
Kapteyn, H.C., see Anderson, N.A. 323 (2000) 365
Kasai, T., see Okada, M. 323 (2000) 586
Katz, T.J., see Van Elshocht, S. 323 (2000) 340
Khriachtchev, L., see Pettersson, M. 323 (2000) 506
Kiribayashi, S., see Nakano, M. 323 (2000) 249
Kitchin, S.J., K.D.M. Harris, A.E. Aliev and D.C. Apperley, Rotary resonance recoupling of $^{13}C-{}^{1}H$ dipolar interactions in magic angle spinning ^{13}C NMR of dynamic solids 323 (2000) 490
Klein, H.-F., see Boča, R. 323 (2000) 243
Kleyn, A.W., see Roke, S. 323 (2000) 201
Koppel, I., see Burk, P. 323 (2000) 482
Koppel, I.A., see Burk, P. 323 (2000) 482
Kovalenko, S.A., R. Schanz, V.M. Farztdinov, H. Hennig and N.P. Ernsting, Femtosecond relaxation of photoexcited *para*-nitroaniline: solvation, charge transfer, internal conversion and cooling 323 (2000) 312
Kowalska, E., see Byszewski, P. 323 (2000) 522
Krishnamoorthy, G. and S.K. Dogra, Effect of micelles on dual fluorescence of 2-(4′-N,N-dimethylaminophenyl)pyrido[3,4-d]imidazole 323 (2000) 234

Kroto, H.W., see Hsu, W.K. 323 (2000) 572
Kulshreshtha, S.K., see Majumder, C. 323 (2000) 393
Kurashima, K., see Golberg, D. 323 (2000) 185
Kurita, N., see Tanaka, S. 323 (2000) 407
Kurlat, D.H., see Romano, S.D. 323 (2000) 93

Lassesson, A., see Rohmund, F. 323 (2000) 173
Laurent, Ch., see Bacsa, R.R. 323 (2000) 566
Lazzarini, E., Reply to "Comments on Chemical Physics Letters 309 (1999) 295–298" 323 (2000) 200
Le, H.T., P. Gerbaux, R. Flammang and M.T. Nguyen, Collisional activation of protonated halogeno-pyridines: different behaviour of target gases 323 (2000) 71
Lee, C.J., J. Park, S.Y. Kang and J.H. Lee, Growth of well-aligned carbon nanotubes on a large area of Co–Ni co-deposited silicon oxide substrate by thermal chemical vapor deposition 323 (2000) 554
Lee, C.J., J.H. Park and J. Park, Synthesis of bamboo-shaped multiwalled carbon nanotubes using thermal chemical vapor deposition 323 (2000) 560
Lee, C.S., see Zhang, Y.F. 323 (2000) 180
Lee, J.H., see Lee, C.J. 323 (2000) 554
Lee, S.T., see Zhang, Y.F. 323 (2000) 180
Leito, I., see Burk, P. 323 (2000) 482
Leszczynski, J., see Roszak, S. 323 (2000) 278
Li, G.P. and I.P. Hamilton, The singlet and triplet states of HF_2^+: a theoretical study 323 (2000) 263
Li, Q., R.T. Carter and J.R. Huber, 193 nm photodissociation of carbonyl cyanide $CO(CN)_2$ probed by the $CN(v,J)$ fragment 323 (2000) 105
Lim, M., see Asplund, M.C. 323 (2000) 269
Lin, S.H., see Zyubin, A.S. 323 (2000) 441
Linert, W., see Boča, R. 323 (2000) 243
Lloyd, D.R., Comments on "CN^- bond length in $e + CN^-$: contrast with H^+CN^-"(Chemical Physics Letters 309 (1999) 295–298) 323 (2000) 198
Loh, Z.M., see Wild, D.A. 323 (2000) 49
López, J.C., see Antolínez, S. 323 (2000) 130
Lubitz, W., see Fahnenschmidt, M. 323 (2000) 329
Lüchow, A., see Sokolova, S. 323 (2000) 229
Luy, B. and S.J. Glaser, Negative polarization transfer between a spin 1/2 and a spin 1 323 (2000) 377

Ma, X., see Chen, Y. 323 (2000) 125
Maître, P., see Dubois, V. 323 (2000) 1
Maître, P., see Archirel, P. 323 (2000) 7
Majumder, C. and S.K. Kulshreshtha, Comparative study of $Al_{n-1}X$ ($n = 1$–9 and 13, X = Li, Al and Sb) clusters: density functional theory based molecular dynamics simulation study 323 (2000) 393
Makarov, G.N. and A.N. Petin, TEA CO_2 laser-induced isotopically selective dissociation of SF_6 in a cold shock wave 323 (2000) 345
Mao, B.W., see Xie, Z.X. 323 (2000) 209
Martins Alves, M.C., see Zanchet, D. 323 (2000) 167
Matsuyama, N., N. Okazaki, Y. Tanimoto and I. Hanazaki, Photo-response of the bromate-sulfite chemical oscillator with tris-(bipyridine)ruthenium(II) as a catalyst 323 (2000) 372

Matubayasi, N., see Sato, H. 323 (2000) 257
McHenry, M.E., see Hsu, W.K. 323 (2000) 572
Mebel, A.M., see Zyubin, A.S. 323 (2000) 441
Meier, C., see Coropceanu, V. 323 (2000) 14
Mendonça, C.R., L. Gaffo, L. Misoguti, W.C. Moreira, O.N. Oliveira Jr. and S.C. Zilio, Characterization of dynamic optical nonlinearities in ytterbium bis-phthalocyanine solution 323 (2000) 300
Meynadier, P., see Prayer, C. 323 (2000) 467
Mikroyannidis, J., see Fakis, M. 323 (2000) 111
Milley, P.J., see Wild, D.A. 323 (2000) 49
Misoguti, L., see Mendonça, C.R. 323 (2000) 300
Miyoshi, E. and T.K. Ghosh, Ab initio CASSCF and MRSDCI calculations of the $(C_6H_6)_3^+$ radical 323 (2000) 434
Mizuno, T., see Hiraoka, K. 323 (2000) 155
Moreira, W.C., see Mendonça, C.R. 323 (2000) 300
Moritani, K., see Okada, M. 323 (2000) 586
Muñoz-Picone, E., see Hsu, W.K. 323 (2000) 572
Murata, Y., see Okada, M. 323 (2000) 586
Murnane, M.M., see Anderson, N.A. 323 (2000) 365

Nakahara, M., see Sato, H. 323 (2000) 257
Nakamura, M., see Okada, M. 323 (2000) 586
Nakano, M., M. Takahata, H. Fujita, S. Kiribayashi and K. Yamaguchi, Exciton migration dynamics in a dendritic molecular aggregate 323 (2000) 249
Nakashima, S., see Toyota, K. 323 (2000) 323
Nguyen, M.T., see Le, H.T. 323 (2000) 71
Nishi, N., see Ohashi, K. 323 (2000) 43
Nishimura, Y., A. Yasuda, S. Speiser and I. Yamazaki, Time-resolved analysis of intramolecular electronic energy transfer in methylenes-linked naphthalene–anthracene compounds 323 (2000) 117
Noordam, L.D., see Wesdorp, C. 323 (2000) 192
Nuckolls, C., see Van Elshocht, S. 323 (2000) 340

Ohashi, K., Y. Inokuchi, H. Izutsu, K. Hino, N. Yamamoto, N. Nishi and H. Sekiya, Electronic and vibrational spectra of aniline–benzene hetero-dimer and aniline homo-dimer ions 323 (2000) 43
Okada, M., K. Moritani, M. Nakamura, T. Kasai and Y. Murata, Hot-atom mechanism in hydrogen exchange reaction on the Ir{100} surface 323 (2000) 586
Okada, T., see Toyota, K. 323 (2000) 323
Okazaki, N., see Matsuyama, N. 323 (2000) 372
Oliva, M., see Tapia, O. 323 (2000) 29
Oliveira Jr., O.N., see Mendonça, C.R. 323 (2000) 300
Ong, P.P., see Goh, K.L. 323 (2000) 361

Pappalardo, R.R., see Taoufik, N. 323 (2000) 400
Park, J., see Lee, C.J. 323 (2000) 554
Park, J., see Lee, C.J. 323 (2000) 560
Park, J.H., see Lee, C.J. 323 (2000) 560

Parthenios, J., see Fakis, M. 323 (2000) 111
Patwari, G.N. and S. Wategaonkar, Does inversion symmetry influence IVR? 323 (2000) 460
Pei, L., see Chen, Y. 323 (2000) 125
Peigney, A., see Bacsa, R.R. 323 (2000) 566
Persephonis, P., see Fakis, M. 323 (2000) 111
Persoons, A., see Van Elshocht, S. 323 (2000) 340
Petin, A.N., see Makarov, G.N. 323 (2000) 345
Pettersson, M., L. Khriachtchev, R.-J. Roozeman and M. Räsänen, Photolysis of HI in solid Xe: production and distribution of hydrogen atoms 323 (2000) 506
Pettitt, B.M., see Vainrub, A. 323 (2000) 160
Phillips, K.E.S., see Van Elshocht, S. 323 (2000) 340
Polyzos, J., see Fakis, M. 323 (2000) 111
Pommeret, S., see Prayer, C. 323 (2000) 467
Prayer, C., T.-H. Tran-Thi, S. Pommeret, P. d'Oliveira and P. Meynadier, Light- and pH-driven electron transfer in the pyranine–methylviologen system 323 (2000) 467

Radomska, J., see Byszewski, P. 323 (2000) 522
Raghava Rao, J., see Thanikaivelan, P. 323 (2000) 59
Räsänen, M., see Pettersson, M. 323 (2000) 506
Rau, H.K., see Fahnenschmidt, M. 323 (2000) 329
Ricca, A., Heats of formation for ClF_n ($n = 1$–3) 323 (2000) 498
Rincón, L. and R. Almeida, Basis set and correlation effects in configuration analysis of reactive systems 323 (2000) 416
Roberts, B.P., see Hsu, W.K. 323 (2000) 572
Robicheaux, F., see Wesdorp, C. 323 (2000) 192
Rohmund, F., A.V. Bulgakov, M. Hedén, A. Lassesson and E.E.B. Campbell, Photoionisation and photofragmentation of $Li@C_{60}$ 323 (2000) 173
Roke, S., J.M. Coquel and A.W. Kleyn, The adsorption behaviour of isobutane on Pt(533): A combined RAIRS and TPD study 323 (2000) 201
Romano, S.D. and D.H. Kurlat, Rheological measurements in titania gels synthesized from reverse micelles 323 (2000) 93
Roozeman, R.-J., see Pettersson, M. 323 (2000) 506
Roszak, S. and J. Leszczynski, The structure and nature of interactions in carbonium ions, $CH_3^+(H_2)_n$ ($n = 1$–9): a theoretical study 323 (2000) 278
Roulin, J.-L., see Demeter, A. 323 (2000) 351
Rousset, A., see Bacsa, R.R. 323 (2000) 566

Safont, V.S., see Tapia, O. 323 (2000) 29
Sánchez Marcos, E., see Taoufik, N. 323 (2000) 400
Sanekata, M. and I. Suzuka, Physical and chemical interface effects on Mie plasmon absorption of sodium nanoclusters passivated with $CH_{4-n}Cl_n$ ($n = 1$–4) molecules 323 (2000) 98
Sasaki, Y., see Yamaguchi, S. 323 (2000) 35
Sato, H., N. Matubayasi, M. Nakahara and F. Hirata, Which carbon oxide is more soluble? Ab initio study on carbon monoxide and dioxide in aqueous solution 323 (2000) 257
Sato, T., see Golberg, D. 323 (2000) 185
Schanz, R., see Kovalenko, S.A. 323 (2000) 312
Schebesch, I., see Brandtstädter, H. 323 (2000) 145

Schilder, A., see Hsu, W.K. 323 (2000) 572
Schmidt, A., see Boča, R. 323 (2000) 243
Sekiya, H., see Ohashi, K. 323 (2000) 43
Sension, R.J., see Anderson, N.A. 323 (2000) 365
Shao, Y. and M. Head-Gordon, An improved *J* matrix engine for density functional theory calculations 323 (2000) 425
Shimizu, A. and H. Tachikawa, Thermal activation of the trapped proton in diamond crystal: direct molecular dynamics calculation 323 (2000) 448
Sokolova, S., A. Lüchow and J.B. Anderson, Energetics of carbon clusters C_{20} from all-electron quantum Monte Carlo calculations 323 (2000) 229
Someda, K., see Hashimoto, N. 323 (2000) 79
Sortino, S. and S. Conoci, Selective binding of 2-anthrylmethylpyrrole with fluoride: fluorescence and theoretical studies 323 (2000) 389
Speiser, S., see Nishimura, Y. 323 (2000) 117
Springborg, M., see De Maria, L. 323 (2000) 293
Subramanian, V., see Thanikaivelan, P. 323 (2000) 59
Suenaga, K., see Ando, Y. 323 (2000) 580
Suzuka, I., see Sanekata, M. 323 (2000) 98
Szczepanski, J., see Fuller, J.F. 323 (2000) 86

Tachikawa, H., see Shimizu, A. 323 (2000) 448
Takahata, M., see Nakano, M. 323 (2000) 249
Tan, T.L., see Goh, K.L. 323 (2000) 361
Tanaka, S., S. Itoh and N. Kurita, Structural and vibrational analysis of azodendrimers by molecular orbital methods 323 (2000) 407
Tang, J., see Xie, Z.X. 323 (2000) 209
Tang, Y.H., see Zhang, Y.F. 323 (2000) 180
Tanimoto, M., see Hazama, H. 323 (2000) 542
Tanimoto, Y., see Matsuyama, N. 323 (2000) 372
Taoufik, N., R.R. Pappalardo and E. Sánchez Marcos, Unusual spectroscopic behaviour of the carbonyl and carbon–carbon double-bond groups in the infrared spectra of simple nitroenaminoketone derivatives 323 (2000) 400
Tapia, O., M. Oliva, V.S. Safont and J. Andrés, A quantum-chemical study of transition structures for enolization and oxygenation steps catalyzed by rubisco: on the role of magnesium and carbamylated Lys-201 in opening oxygen capture channel 323 (2000) 29
Teo, H.H., see Goh, K.L. 323 (2000) 361
Terrones, H., see Hsu, W.K. 323 (2000) 572
Terrones, M., see Hsu, W.K. 323 (2000) 572
Thanikaivelan, P., V. Subramanian, J. Raghava Rao and B. Unni Nair, Application of quantum chemical descriptor in quantitative structure activity and structure property relationship 323 (2000) 59
Ticich, T.M., see Vander Wal, R.L. 323 (2000) 217
Titarchuk, T. and J.B. Halpern, The excitation spectrum of cyanoacetylene (HC_3N) and emission from C_3N fragments 323 (2000) 305
Tolentino, H., see Zanchet, D. 323 (2000) 167
Torii, H., Ultrafast anisotropy decay of coherent excitations and the non-coincidence effect for delocalized vibrational modes in liquids 323 (2000) 382

Toyota, K., S. Nakashima and T. Okada, Near-infrared laser-induced breakdown of liquid benzene 323 (2000) 323
Tran-Thi, T.-H., see Prayer, C. 323 (2000) 467
Trautwein, A.X., see Coropceanu, V. 323 (2000) 14
Travnikova, O., see Burk, P. 323 (2000) 482
Tsigaridas, G., see Fakis, M. 323 (2000) 111

Ugarte, D., see Zanchet, D. 323 (2000) 167
Unni Nair, B., see Thanikaivelan, P. 323 (2000) 59

Vainrub, A. and B.M. Pettitt, Thermodynamics of association to a molecule immobilized in an electric double layer 323 (2000) 160
Vala, M., see Fuller, J.F. 323 (2000) 86
Valko, M., see Boča, R. 323 (2000) 243
Vander Wal, R.L., T.M. Ticich and V.E. Curtis, Diffusion flame synthesis of single-walled carbon nanotubes 323 (2000) 217
Van Elshocht, S., T. Verbiest, G. de Schaetzen, L. Hellemans, K.E.S. Phillips, C. Nuckolls, T.J. Katz and A. Persoons, Beneficial effect of heating on the morphology and second-order nonlinear optical efficiency of anisotropic thin films 323 (2000) 340
Vaugien, Th., see Bacsa, R.R. 323 (2000) 566
Venturo, V.A., see Williams, K.L. 323 (2000) 137
Verbiest, T., see Van Elshocht, S. 323 (2000) 340
Vibók, Á., see Halász, G.J. 323 (2000) 287
Vogel, E., see Gil, M. 323 (2000) 534

Walton, D.R.M., see Hsu, W.K. 323 (2000) 572
Waluk, J., see Gil, M. 323 (2000) 534
Wang, E.G., see Yu, J. 323 (2000) 529
Wang, N., see Zhang, Y.F. 323 (2000) 180
Wang, Y.P., see Yan, H.F. 323 (2000) 224
Wategaonkar, S., see Patwari, G.N. 323 (2000) 460
Weiser, P.S., see Wild, D.A. 323 (2000) 49
Wermuth, M. and H.U. Güdel, Lifetime determination of intermediate excited electronic states via up-conversion using sequences of square-wave excitation pulses 323 (2000) 514
Wesdorp, C., F. Robicheaux and L.D. Noordam, Rydberg carbon clusters prepared by pulsed field recombination 323 (2000) 192
Wild, D.A., P.J. Milley, Z.M. Loh, P.S. Weiser and E.J. Bieske, Infrared spectra of Br^--$(C_2H_2)_n$ complexes 323 (2000) 49
Williams, K.L., J.A. Bray, V.A. Venturo and E.R. Fisher, Multiphoton ionization detection of SiF radicals in SiF_4 plasmas 323 (2000) 137

Xi, Z.H., see Yan, H.F. 323 (2000) 224
Xie, Z.X., X. Xu, J. Tang and B.W. Mao, Molecular packing in self-assembled monolayers of normal alkane on Au(111) surfaces 323 (2000) 209
Xing, Y.J., see Yan, H.F. 323 (2000) 224
Xu, J., see Yan, H.F. 323 (2000) 224
Xu, X., see Xie, Z.X. 323 (2000) 209

Yamabe, S., see Hiraoka, K. 323 (2000) 155
Yamaguchi, K., see Nakano, M. 323 (2000) 249
Yamaguchi, S. and Y. Sasaki, Primary carrier-generation process in Y-form and phase I titanyl phthalocyanines 323 (2000) 35
Yamamoto, N., see Ohashi, K. 323 (2000) 43
Yamazaki, I., see Nishimura, Y. 323 (2000) 117
Yan, H.F., Y.J. Xing, Q.L. Hang, D.P. Yu, Y.P. Wang, J. Xu, Z.H. Xi and S.Q. Feng, Growth of amorphous silicon nanowires via a solid–liquid–solid mechanism 323 (2000) 224
Yasuda, A., see Nishimura, Y. 323 (2000) 117
Yoon, S.F., see Yu, J. 323 (2000) 529
Yu, D.P., see Yan, H.F. 323 (2000) 224
Yu, J., X.D. Bai, J. Ahn, S.F. Yoon and E.G. Wang, Highly oriented rich boron B–C–N nanotubes by bias-assisted hot filament chemical vapor deposition 323 (2000) 529
Yudasaka, M., M. Zhang and S. Iijima, Porous target enhances production of single-wall carbon nanotubes by laser ablation 323 (2000) 549

Zachariasse, K.A., see Demeter, A. 323 (2000) 351
Zanchet, D., H. Tolentino, M.C. Martins Alves, O.L. Alves and D. Ugarte, Inter-atomic distance contraction in thiol-passivated gold nanoparticles 323 (2000) 167
Zhang, M., see Yudasaka, M. 323 (2000) 549
Zhang, Y., see Zhang, Y.F. 323 (2000) 180
Zhang, Y.F., Y.H. Tang, X.F. Duan, Y. Zhang, C.S. Lee, N. Wang, I. Bello and S.T. Lee, Yttrium–barium–copper–oxygen nanorods synthesized by laser ablation 323 (2000) 180
Zhao, X., see Ando, Y. 323 (2000) 580
Zhu, Y.Q., see Hsu, W.K. 323 (2000) 572
Zilio, S.C., see Mendonça, C.R. 323 (2000) 300
Zyubin, A.S., A.M. Mebel and S.H. Lin, Ab initio study of H photodetachment from the ethyl radical 323 (2000) 441